ZATION

TITLE: APPI FOR RAPID SENSOR-ARRAY BASED MATERIALS CHA-APPLICANTS: PAUL MANSKY ET AL. APPLICATION NO.: 09/210,485

Multiple sensors/ Deposition of samples multiple samples Deposition of Sensor array multiple samples Selection and connection Z-axis connectors Electronic test and Circuit boards measurement one or more channels Multiwire cables and connectors Computer or processor Signal selection and/or routing Fig-1A (Matrix switch) Deposition of Electronic test Sensor array and measurement multiple samples equipment Z-axis connectors Computer or processor Fig-1B Circuit board with built-in signal selection and/or routing (Matrix switch) Deposition of Sensor array multiple samples Electronic test and measurement Z-axis connectors equipment Computer or processor Circuit board with on-board signal selection and/or routing, and on-board electronic test Fig-1C and measurement circuitry Computer or processor Substrate containing sensor array, signal selection and/or routing, Deposition of and electronic lest and measurement circuitry Fig-1D multiple samples Computer or processor Fig-1E

FOR RAPID SENSOR-ARRAY BASED MATERIALS CHA APPLICANTS: PAUL MANSKY ET AL. APPLICATION NO.: 09/210,485 2/25 Fig-2A -16

Fig-2B

IZATION

TITLE: APP. FOR RAPID SENSOR-ARRAY BASED MATERIALS CHA APPLICANTS: PAUL MANSKY ET AL. APPLICATION NO.: 09/210,485

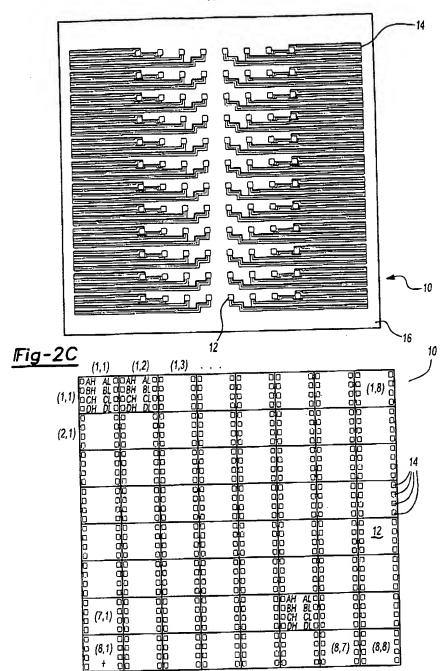


Fig-2D

FOR RAPID SENSOR-ARRAY BASED MATERIALS CHV ZATION
APPLICANTS: PAUL MANSKY ET AL
APPLICATION NO. 09/210,485
4/25

TITLE: APF

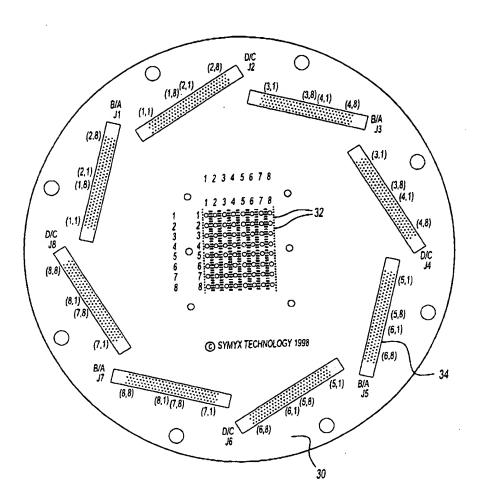
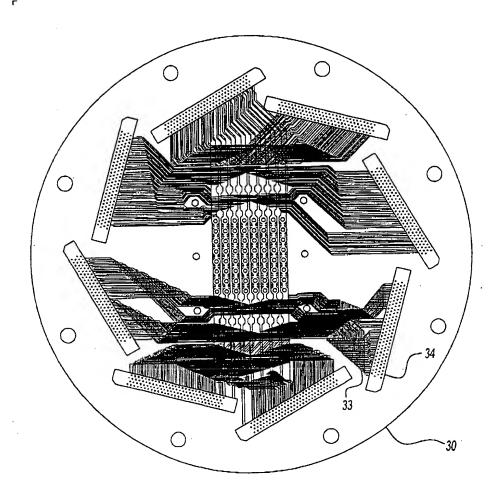


Fig-3A

د

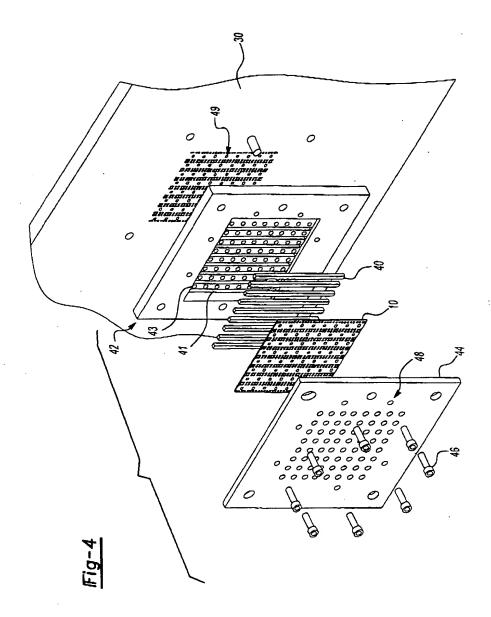
.RIZATION

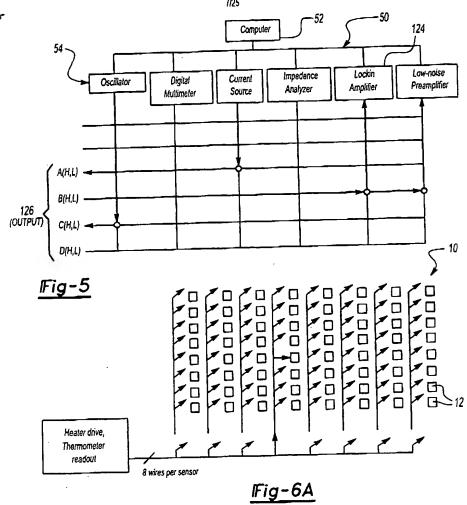
TITLE: APP. S FOR RAPID SENSOR-ARRAY BASED MATERIALS CHA APPLICANTS: PAUL MANSKY ET AL. APPLICATION NO.: 09/210,485 5/25

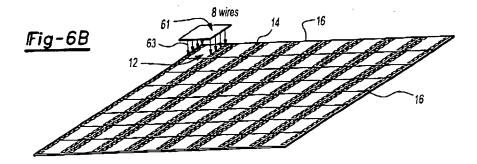


<u> Fig-3B</u>

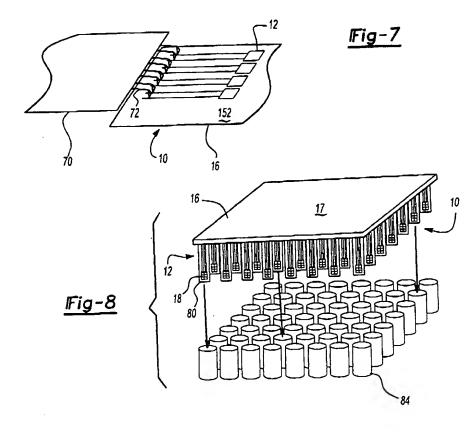
TITLE: APPARATUS FOR RAPID SENSOR-ARRAY BASED MATERIALS CHARACTERIZATION APPLICANTS: PAUL MANSKY ET AL. APPLICATION NO.: 09/210,485 6/25



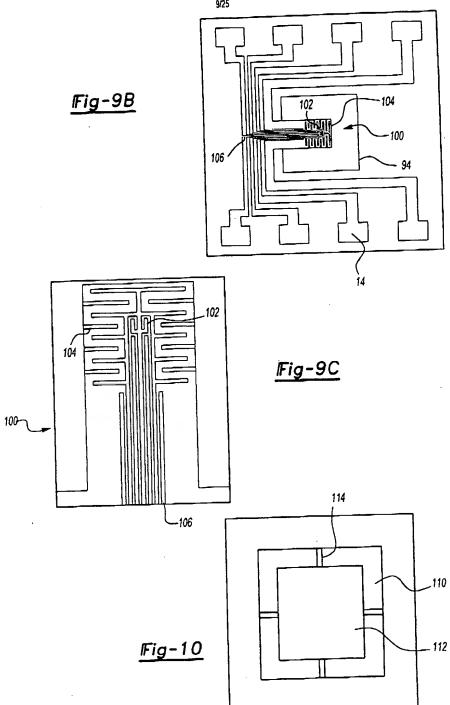




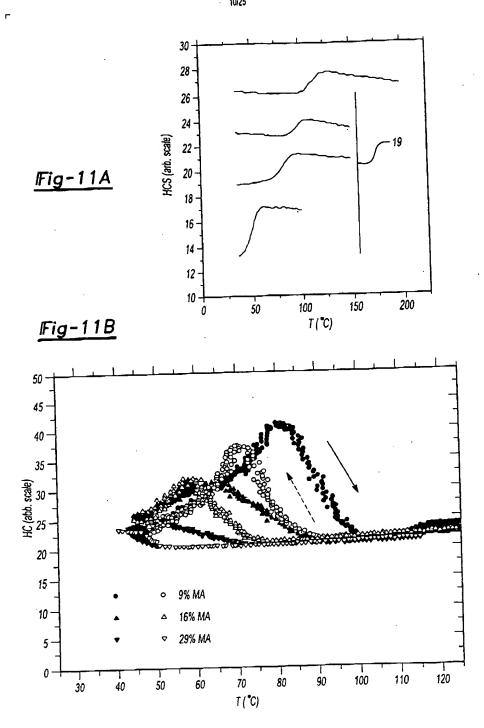


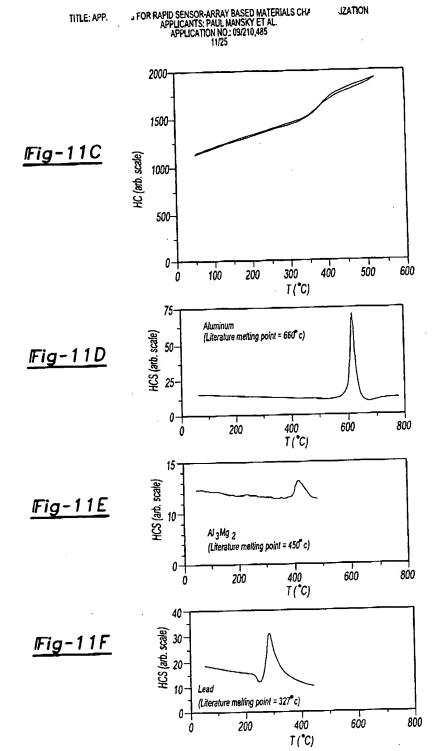


92 96 97 99 Fig-9A

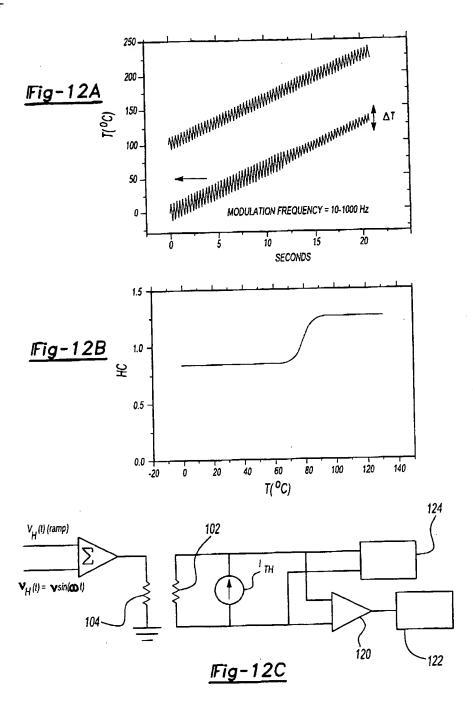


ı





TITLE: APP US FOR RAPID SENSOR-ARRAY BASED MATERIALS CH/ .ERIZATION APPLICANTS: PAUL MANSKY ET AL. APPLICATION NO.: 09/210,485 12/25



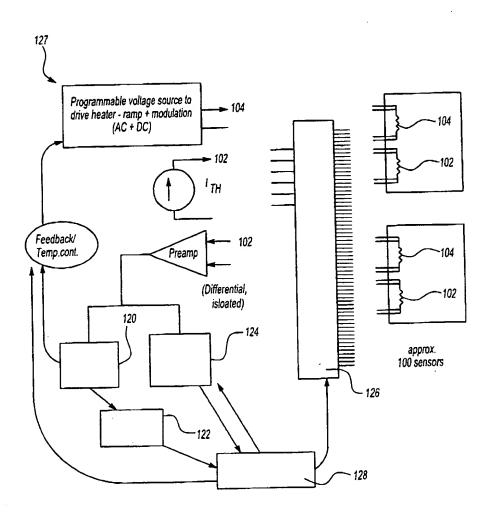
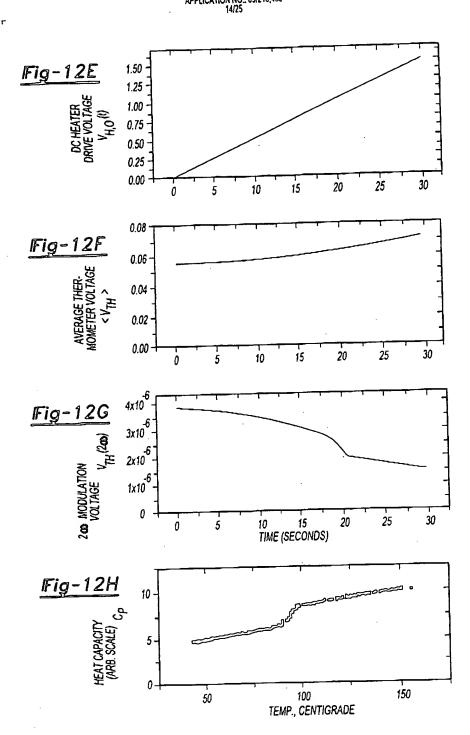


Fig-12D



TITLE: APP! .S FOR RAPID SENSOR-ARRAY BASED MATERIALS CHAI .RIZATION APPLICANTS: PAUL MANSKY ET AL. APPLICATION NO.: 09/210,485

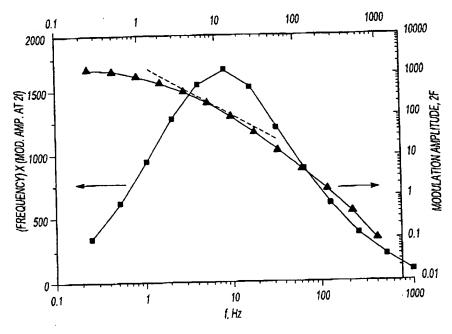


Fig-121

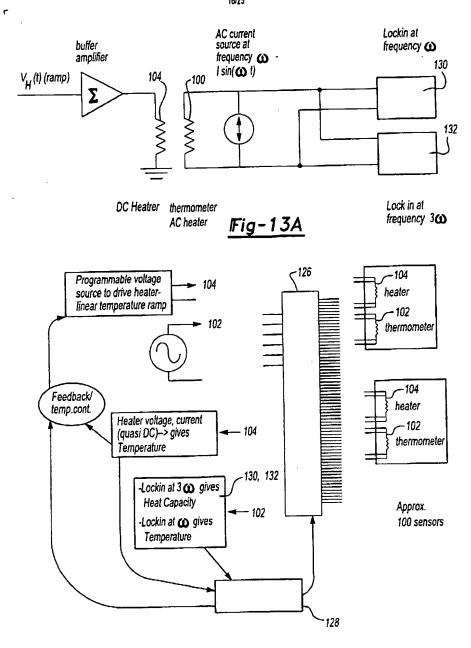
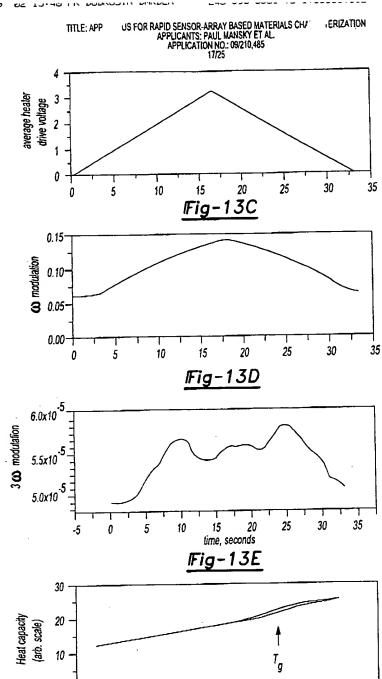


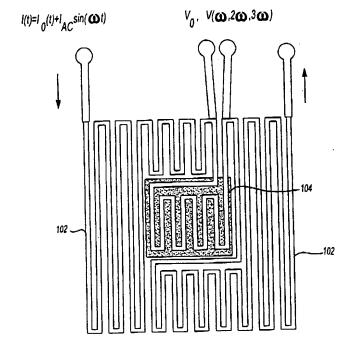
Fig-13B



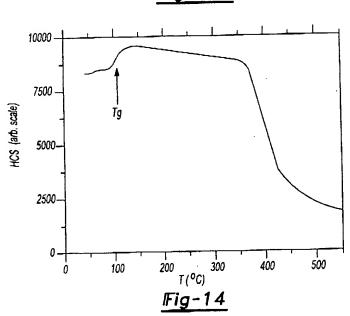
300 400 temperature, centigrade Fig-13F

TITLE: APF

.US FOR RAPID SENSOR-ARRAY BASED MATERIALS CH APPLICANTS: PAUL MANSKY ET AL APPLICATION NO.: 09/210,485 18/25 ERIZATION



<u> Fig-13G</u>



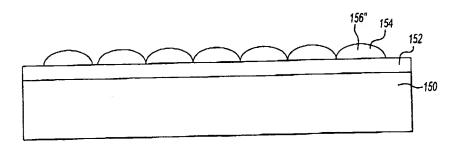
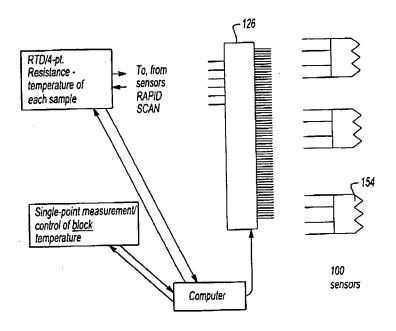


Fig-15A



*I*Fig-15B

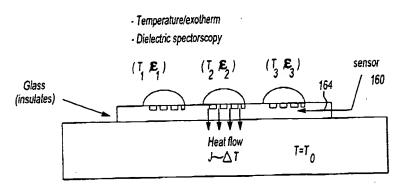
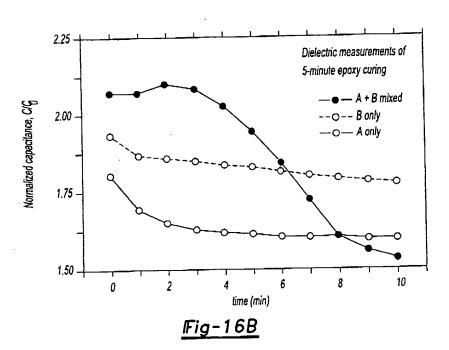
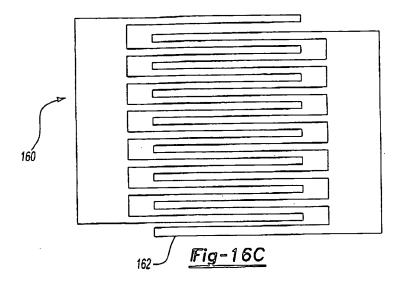


Fig-16A





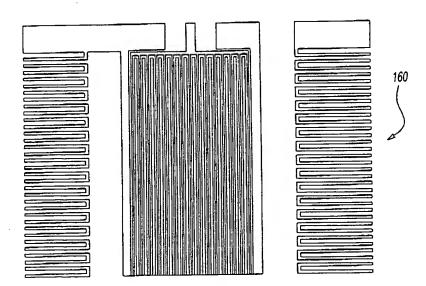
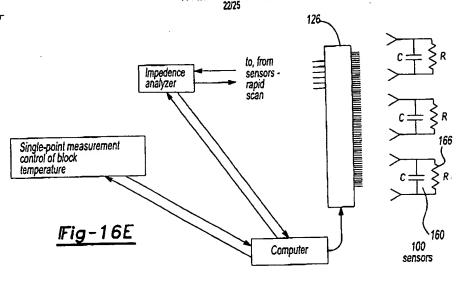


Fig-16D



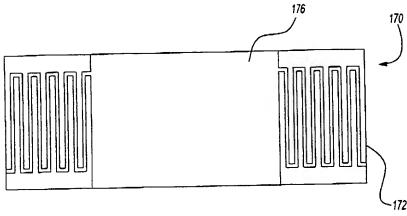


Fig-17A

